TD #8 DEGET BOXSEQ

ATTORNEY DOCKET NO. 44481-5008-02

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Applicati	on of: David PHILIPS et al.	)		
Appli	ication N	o.: 09/801,089	)	Group Art Unit: 1644	
Filed	: March	1, 2001	)	Examiner: Not Assigned	
For:		tion of Integrin-Mediated Transduction	) ) )		
		r for Patents D.C. 20231			
Sir:					
		AMENDMENT TRAI	NSMI	TTAL FORM	
1.	Transmitted herewith is a response to the Notice to Comply with Requirement for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated December 6, 2001, the period for response being extended to June 6, 2002, by a Petition for a Four Month Extension of Time filed concurrently herewith.				
2.	Additional papers enclosed:				
	[X] [ ] [ ] [ ] [ ] [ ] [X]	Preliminary Amendment Drawings: [] Formal [] Information Disclosure Statement Form PTO-1449, references in Citations Declaration of Biological Deposit Submission of Sequence Listing, Accompanying Sequence Listing	comp		
2.	Extension of Time				
	The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.				
	[]	Applicant believes that no extension conditional petition is being made inadvertently overlooked the need	to pro	ime is required. However, this vide for the possibility that applicant has betition and fee for extension of time.	

Applicant petitions for an extension of time, the fees for which are set out in [X]37 CFR § 1.17(a), for the total number of months checked below: [Fee for Small Fee for Total Months Entity] **Extension** Requested \$ 55.00 \$ 110.00 [ ] one month \$200.00 \$ 400.00 [ ] two months \$460.00 \$ 920.00 [ ] three months \$720.00 [X] four months \$1,440.00 Extension of time fee due with this request: \$1,440.00 If an additional extension of time is required, please consider this a Petition therefor. An extension for \_\_ months has already been secured and the fee paid therefor of [] is deducted from the total fee due for the total months of extension now requested. Constructive Petition 3. EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is [X] hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §1.16 and §1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3). Fee Payment 4. No fee is to be paid at this time. [] \_\_\_\_\_. The Commissioner is hereby Check in the amount of \$ for [] authorized to charge any additional extension of time fee or additional fee for claims due to Deposit Account No. 50-0310.

[X] The Commissioner is hereby authorized to charge the <u>four</u>-month extension fee of \$1,440.00 to Deposit Account 50-0310.

Respectfully submitted,

MORGAN LEWIS & BOCKIUS LLP

Dated: June 6, 2002

By:

Reid G. Adler Reg. No. 30,988

**CUSTOMER NO. 09629** 

MORGAN, LEWIS & BOCKIUS LLP

1111 Pennsylvania Ave., NW Washington, DC 20004

Tel: 202-739-3000 Fax: 202-739-3001



PATENT Attorney Docket 44481-5008-02

## MERC UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David PHILIPS et al.	)
Application No.: <b>09/801,089</b>	) Group Art Unit: <b>1644</b>
Filed: <b>March 8, 2001</b>	) Examiner: Not Assigned
For: Modulation of Integrin-Mediated Signal Transduction	) ) )

#### **BOX SEQUENCE**

Commissioner for Patents Washington, D.C. 20231

### PRELIMINARY AMENDMENT

Sir:

Prior to examination on the merits, please amend the application as follows:

#### **IN THE SPECIFICATION:**

Please replace the paragraph beginning at page 14, line 14 through page 15, line 11, with the following rewritten paragraph:

--In detail, the present invention provides  $\sin \beta$  subunit peptides possessing a tyrosine residue which can be phosphorylated by a cellular tyrosine kinase. The cytoplasmic domain sequences of each of the characterized  $\beta$  subunits, with the corresponding phosphorylation site identified, are:

Aı

 $\beta$ 1 subunit: NH-D-T-G-E-N-P-I-Y(PO<sub>3</sub>)-K-S-A-V-T-T-V-V-N-P-K-Y(PO<sub>3</sub>)-E-G-K-

COOH (SEQ ID NO. 1)

β2 subunit: NH-D-L-R-E-Y(PO<sub>3</sub>)-R-R-F-E-K-E-K-L-S-Q-W-N-N-D-N-P-L-F-K-S-A-T-

COOH (SEQ ID NO. 2)

β3 subunit: NH-D-T-A-N-N-P-L-Y(PO<sub>3</sub>)-K-E-A-T-S-T-F-T-N-I-T-Y(PO<sub>3</sub>)-R-G-T-